

18. $\{-6, 3\}$

p337

REVIEW ANSWERS

11. $V(4, -9)$

a.o.s. $x = 4$

y-int $(0, 7)$

mirrored pt $(8, 7)$

3rd pt $(2, -9)$

mirrored pt $(6, -5)$

12. $V(3, 9)$

a.o.s. $x = 3$

y-int $(0, -9)$

$(6, -9)$

$(1, 1)$

$(5, 1)$

13. $V(-2, 1)$

a.o.s. $x = -2$

y-int $(0, -3)$

$(-4, -3)$

$(-1, 0)$

$(-3, 0)$

(and graphs)

15. Min; $-\frac{89}{16}$ (16) Max; $-\frac{5}{3}$ (17) Max; 7 (20) $\{1, -\frac{3}{2}\}$

22. $\{-1.577, -.423\}$ (24) $\{-4, 8\}$ (25) $\{-13\}$ (26) $\{-4, 4\}$

28. $25x^2 - 30x + 9 = 0$ Perfect Sq. Tri. (29) $\{\frac{1}{3}, -\frac{3}{2}\}$

$(5x - 3)^2 = 0$

$x = \frac{3}{5}$

$\{\frac{3}{5}\}$